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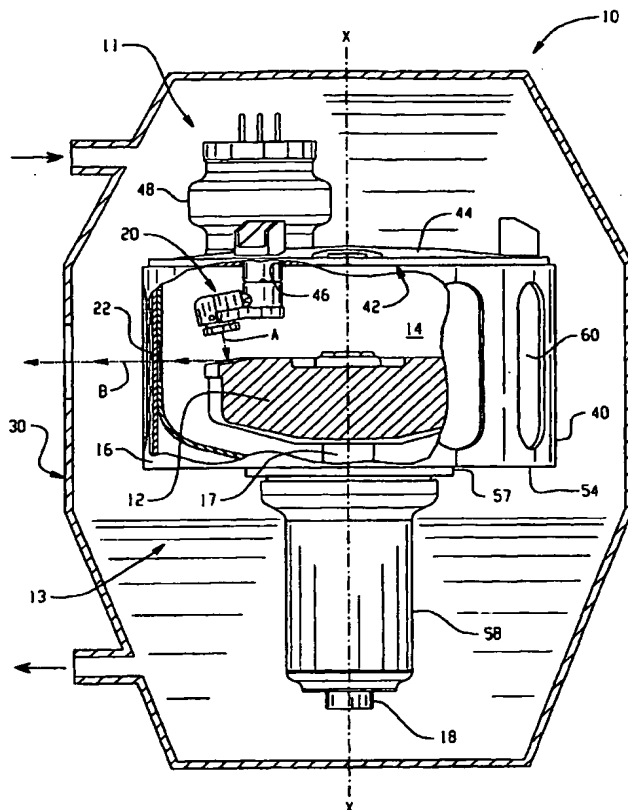
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(54) Title: COMPOSITE FRAME FOR X-RAY TUBES



(57) Abstract: An x-ray tube assembly (10) includes a frame (16) which defines an evacuated chamber (14). A central portion (40) of the frame which houses an anode (12) is formed from a thermally conductive liner (64) and a structural framework (62). The liner conducts heat away from the evacuated chamber to a surrounding cooling fluid. The framework provides windows (80, 80', 80'', 82, 82'), through which the liner is in direct thermal contact with both the cooling fluid and the evacuated chamber.



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